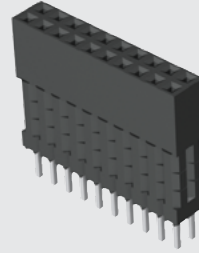


(2.54 mm) .100"

ESQ-110-44-T-D



ESW-115-12-G-S



ESQ-132-14-G-D

ESW, ESQ SERIES

ELEVATED SOCKET

Mates with:

TSW, MTSW, EW, MTLW, TSS, ZSS, TSM, DW, ZW, HW, TSSH, HTSS

SPECIFICATIONS

For complete specifications see www.samtec.com?ESW or www.samtec.com?ESQ

Insulator Material: Black Glass Filled Polyester

Contact Material: Phosphor Bronze

Plating: Au or Sn over 50 μ" (1.27 μm) Ni

Current Rating (ESW/TSW): 5.2 A per pin (1 pin powered per row)

Current Rating (ESQ/TSW): 5.7 A per pin (1 pin powered per row)

Voltage Rating: 550 VAC mated with TSW or ESQ

Operating Temp Range: -55 °C to +125 °C with Gold

-55 °C to +105 °C with Tin

Contact Resistance: 10 mΩ

Insertion Depth: (3.68 mm) .145" to (6.35 mm) .250"

Normal Force: Standard = 125 grams (4.4 N)

Max Cycles: 100 with 10 μ" (0.25 μm) Au

RoHS Compliant: Yes

Lead-Free Solderable: Wave only

RECOGNITIONS

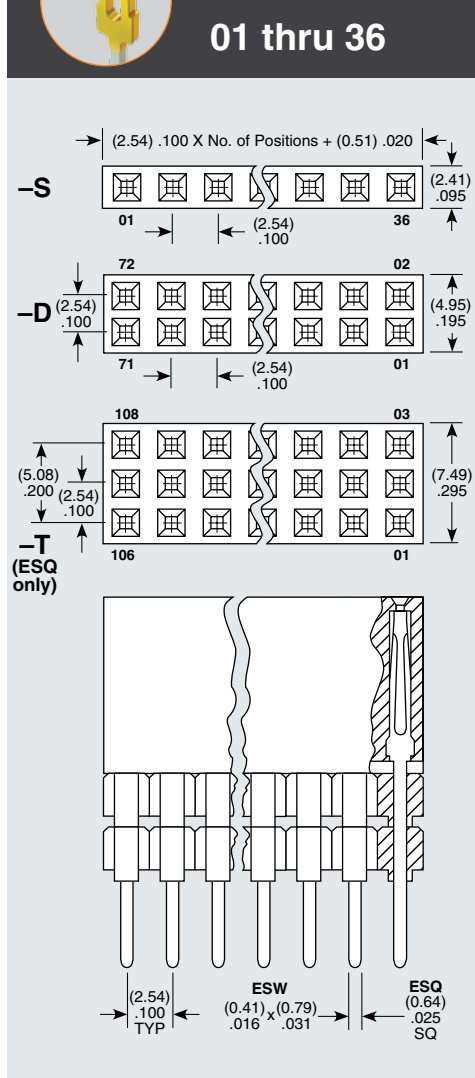
For complete scope of recognitions see www.samtec.com/quality



TYPE STRIP	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OTHER OPTION
<p>ESW = Solder Tail</p> <p>ESQ = Square Tail</p>				<p>-L = 10 μ" (0.25 μm) Gold contact, Matte Tin on tail</p> <p>-G = 20 μ" (0.51 μm) Gold contact, Gold Flash on Balance</p> <p>-T = Matte Tin (N/A w/LIF contact)</p>	<p>-S = Single Row</p> <p>-D = Double Row</p> <p>-T = Triple Row (ESQ only)</p>	<p>-LL = Locking Lead</p> <p>"XXX" = Polarized</p>

ALSO AVAILABLE (MOQ Required)

- Other platings
- Contact Samtec.

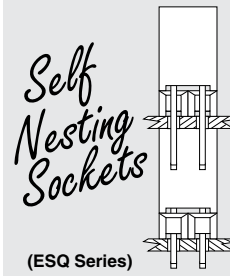
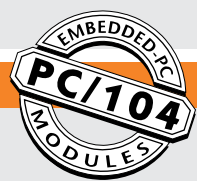


Note: Some lengths, styles and options are non-standard, non-returnable.

Specify LEAD STYLE from chart below.

STANDARD INSERTION FORCE	LOW INSERTION FORCE	A	B
- 12	- 37	(2.29) .090	(11.05) .435
- 13	- 38	(7.36) .290	
- 23	- 48	(4.83) .190	(13.59) .535
- 33	- 58	(2.29) .090	(16.13) .635
- 14	- 39	(12.19) .480	(11.05) .435
- 24	- 49	(9.65) .380	(13.59) .535
- 34	- 59	(7.11) .280	(16.13) .635
- 44	- 69	(4.57) .180	(18.67) .735

APPLICATIONS



PC/104™ J1/P1 "Stackthrough" Connectors	
Standard Insertion Force	ESQ-132-14-G-D
Low Insertion Force	ESQ-132-39-G-D
PC/104™ J1 "Non-Stackthrough" Connectors	
Standard Insertion Force	ESQ-132-12-G-D
Low Insertion Force	ESQ-132-37-G-D
PC/104™ J2/P2 "Stackthrough" Connectors	
Standard Insertion Force	ESQ-120-14-G-D
Low Insertion Force	ESQ-120-39-G-D

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